

How to check the bottle of Laptop Battery without software

How to check bottle level of laptop battery without using software? Guide to check the wear and tear of the Laptop Battery fastest and most effective

In the previous article I have very detailed instructions for you how to save battery power when using a Laptop, although the title I wrote is to save battery power for Windows 7 laptops, but you can apply for real any version of Windows, including the most recent one which is Windows 10.

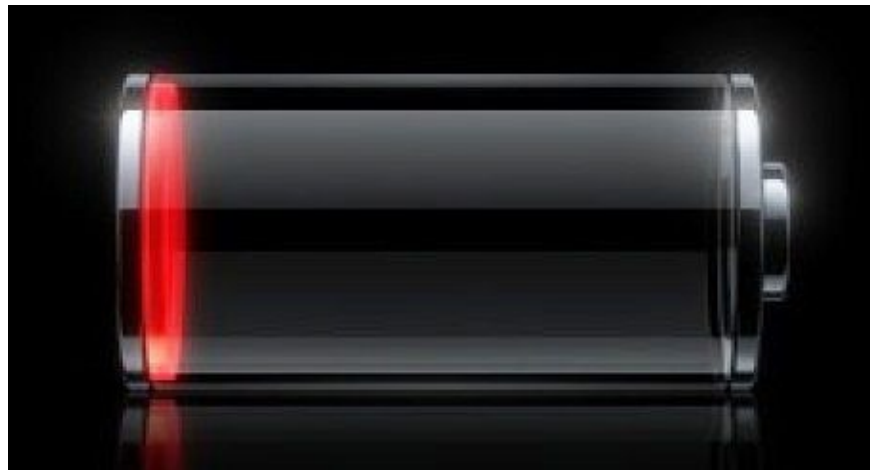
Saving Battery & using the battery properly will help you use the battery for longer and minimize the battery bottle when using the Laptop .

No matter how careful using it or how to charge it properly, the battery bottle is inevitable, over time, your Laptop battery will gradually wear out and lead to damage and need to be. instead of, replace.

So how to know your Laptop battery has been bottle (wear rate) is how much?

Yes ! In this article, I will guide you how to check the most accurately without using the software.

Picture 1 of How to check the bottle of Laptop Battery without software



You can also use the BatteryBar software that I introduced in the previous article to manage the Laptop Battery effectively.

With the use of this software, you can set up a low battery warning for your laptop and view detailed parameters and bottle level at any time. If you do not like to do it manually, you can use that software to check.

1. Instructions to run cmd under administrator

First, you need to know how to open the cmd window as an administrator, to do this, please follow the following instructions:

+ On Windows 7, click the button Start => enter the search box as cmd => and press Enter => then right-click the file cmd.exe => and select Run Administrator.

Picture 3 of How to check the bottle of Laptop Battery without software

Picture 4 of How to check the bottle of Laptop Battery without software

+ On Windows 8, press the key combination Windows + S and enter cmd to search => then also run Command Prompt under administrator.

Picture 5 of How to check the bottle of Laptop Battery without software

Picture 6 of How to check the bottle of Laptop Battery without software

+ On Windows 8/1 and Windows 10 you just need to press Windows + X => and choose Command Prompt (Admin) to run as admin.

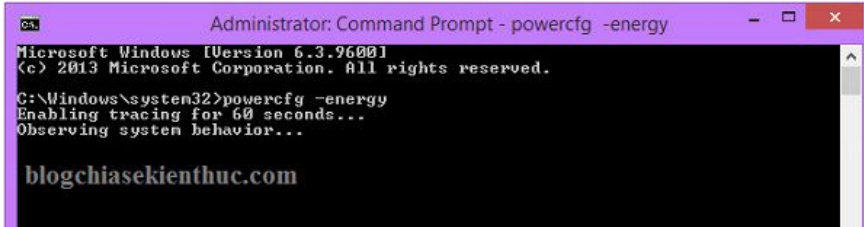
Picture 7 of How to check the bottle of Laptop Battery without software

2. Check the bottle of Laptop Battery

After the window cmd appears, enter the command `powercfg -energy` => and click Enter to execute.

Note: You can use copy - paste, you don't have to type the key (in cmd, you just need to right-click the Paste command .)

Picture 8 of How to check the bottle of Laptop Battery without software




```
Administrator: Command Prompt - powercfg -energy
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Windows\system32>powercfg -energy
Enabling tracing for 60 seconds...
Observing system behavior...

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```

You wait 1 minute for the program to start performing bottle analysis of the Laptop Battery .

Picture 10 of How to check the bottle of Laptop Battery without software



```
Administrator: Command Prompt
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Windows\system32>powercfg -energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

Energy efficiency problems were found.

13 Errors
18 Warnings
38 Informational

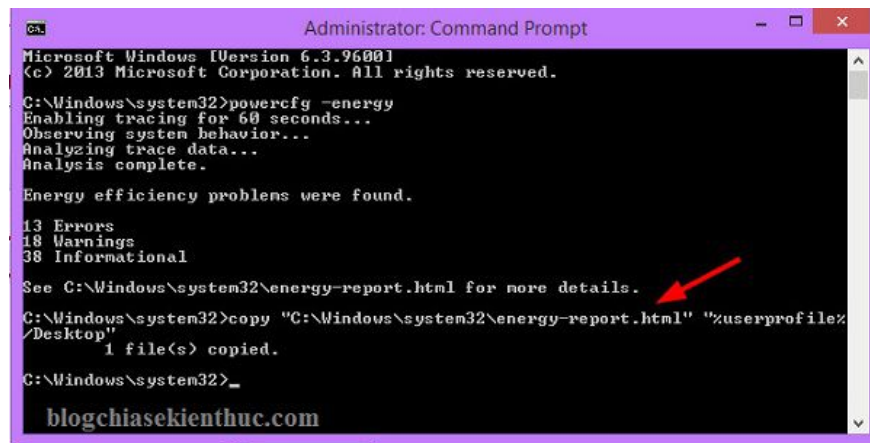
See C:\Windows\system32\energy-report.html for more details.
C:\Windows\system32>
```

OK, now you can follow the path C:\Windows\system32\energy-report.html to open the file. Or, follow one more step to copy the file to the Desktop for convenience, do the following:

Copy the following command into the window cmd => and click Enter to execute:

```
copy 'C:\Windows\system32\energy-report.html' '%userprofile%\Desktop'
```

Picture 12 of How to check the bottle of Laptop Battery without software



```
Administrator: Command Prompt
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Windows\system32>powercfg -energy
Enabling tracing for 60 seconds...
Observing system behavior...
Analyzing trace data...
Analysis complete.

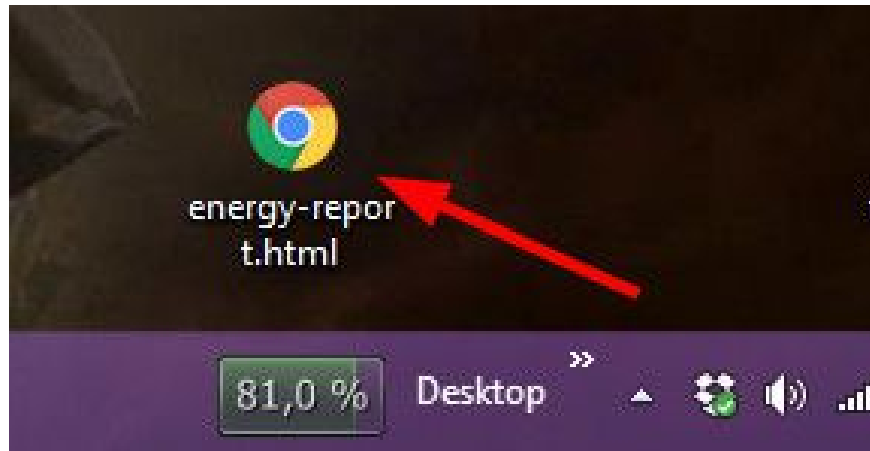
Energy efficiency problems were found.

13 Errors
18 Warnings
38 Informational

See C:\Windows\system32\energy-report.html for more details.
C:\Windows\system32>copy "C:\Windows\system32\energy-report.html" "%userprofile%\Desktop"
1 file(s) copied.
C:\Windows\system32>
```

A file will appear on *.html the desktop like this. Double click to open it to see the information inside.

Picture 14 of How to check the bottle of Laptop Battery without software



There is a lot of information about your computer here, but we are only interested in the battery problem so please look to the section Battery:Battery Information.

Note: You can press Ctrl + F to search quickly.

Here we get the parameters in the section:

1. Design Capacity: 41440 - This is the design capacity of the battery provided by the manufacturer.
2. Last Full Charge: 35224 - This is the last full charge.

Picture 16 of How to check the bottle of Laptop Battery without software



3. How to calculate the bottle of Laptop Battery

Having 2 above parameters, now how to know how much% has worn out your computer (battery bottle)? You perform the calculation as follows:

$100 - (35224/41440) * 100 = 15\% \gg$ Laptop battery has been worn out 15%.

4. Use the BatteryBar software to see the battery bottle level

And here is how we see the bottle of the Battery with BatteryBar software, the wear rate (battery bottle) is also 15% offline. In fact, some software that checks the battery's bottle level also get the parameters from the above method.

Picture 18 of How to check the bottle of Laptop Battery without software

5. Conclusion

Very simple like that! So I have a very detailed guide to you how to check the bottle of Laptop Battery correctly. This is a tool provided by Microsoft so you can count on it. Many of you said that you bought and used the battery very carefully, how can you bottle so fast, probably because the software is miscalculated, it's not like that.

And Laptop Batteries are now quite cheap, so you do not need to be "too careful" in using them, but instead you should use how to make the computer more damaged than that, but the battery does not.

Hope the article will be useful to you, wish you success!

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